This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   **(Cancelled).**

2.   **(Currently Amended)** In a fluid coupling having an impeller with an impeller casing and a runner, said impeller and runner having facing cavities, said impeller being driven by a diesel engine, the improvement comprising axial holes through said runner near the inside diameter of said runner for venting the impeller and runner cavities ~~The improvement of claim 1 wherein said~~ and axial holes through ~~the~~ said impeller casing ~~are~~ located near the inside diameter of said impeller casing for a portion of ~~the~~ circuit oil flow to exit the fluid coupling rotating element during normal engaged operation.

3.   **(Cancelled).**

4.   **(Currently Amended)** ~~The improvement of claim 1~~ In a fluid coupling having an impeller with an impeller casing and a runner, said impeller and runner having facing cavities, said impeller being driven by a diesel engine, the improvement comprising axial holes through said runner

near the inside diameter of said runner for venting the impeller and runner

cavities, and wherein radial holes are provided through the periphery of

the impeller or impeller casing for a portion of circuit oil to exit for

measuring the operating temperature of the circuit oil and for vacating the

impeller and runner cavities of the rotating element when a circuit oil

diverter valve is operated to bypass the circuit oil to a reservoir.

5. **(Original)** The improvement of claim 4 including a temperature

sensor that senses the temperature of the circuit oil as it exits the radial

holes through the periphery of the impeller or impeller casing, the

temperature sensor being operatively connected to said diverter valve

such that when the temperature of the circuit oil discharging from the

impeller or impeller casing exceeds a preset set point temperature, the

diverter valve is caused to bypass the circuit oil to the reservoir.

6. **(Cancelled).**

7. **(Currently Amended)** ~~In a fluid coupling having an impeller with~~

~~an impeller casing and a runner, said impeller and runner having facing~~

~~cavities, said impeller being driven by a diesel engine, the improvement~~

~~comprising radial holes through the perimeter of said impeller or impeller~~

~~casing,~~ <u>The improvement of claim 4 including</u> replaceable orifice plugs mounted in said <u>radial</u> holes for selectively regulating the amount of oil passing through said holes, a reservoir into which the bulk of circuit oil from said cavities escaping through said holes drains, a trough into which a ~~relatively small amount~~ <u>portion</u> of <u>said</u> circuit oil passes from said holes, and a temperature responsive control in said trough, said temperature responsive control being operatively connected to [a] <u>said</u> diverter valve, responding to an over-temperature condition to cause said diverter valve to divert circuit oil from the said cavities to said reservoir.

8.   **(Original)** The improvement of claim 4 including replaceable orifice plugs installed in said radial holes, wherein the size or sizes of the orifice is selected to achieve certain rates of evacuation of said impeller and runner cavities for a particular operating condition of the fluid coupling.

9.   **(Original)** The improvement of claim 4 including a pump operatively connected to said reservoir, said pump having an inlet in said reservoir positioned below the expected level of oil in said reservoir.

10.   **(Currently Amended)** The improvement of claim 9 wherein ~~the~~ said reservoir is mounted on a flange on the bottom of said fluid coupling.

11.   **(Currently Amended)** The improvement of claim 10 wherein ~~the~~

said flange is integral with ~~the~~ said fluid coupling.

TRI 8300D3
Amendment A